

# HEMATOLOGICAL MALIGNANCIES RESEARCH

## Varda & Boaz Dotan 5th international meeting program

**08:00-08:45 Registration & Reception**

**08:45-09:00 Photos-Guest speakers & grant recipients**

**09:00-09:30 Greetings**

**Prof. Ariel Porat** President of Tel Aviv University

**Prof. Ronit Satchi-Fainaro** Head, Gray School of Medical Sciences

**Prof. Shai Israeli** Chair, the Varda and Boaz Dotan Research Center for Hemato-Oncology

### 9:30 - 11:00 Session 1: AI Diagnostics and Genomics

**Chairs: Yehudit Birger, Dan Dominisini**

**09:30-09:50 Torstern Haferlach**, Munich Leukemia Laboratory (MLL) - Diagnostics in leukemia between phenotype and artificial intelligence

**09:50-10:05 Noam Shomron**, Gray Faculty of Medical and Health Sciences, Tel Aviv University - AI in medical decisions

**10:05-10:25 Dan Landau**, Division of Hematology and Medical Oncology & the Department of Physiology and Biophysics, Weill Cornell Medicine, NY - New frontiers in somatic evolution

**10:25-10:40 Yuval Ebenstein**, Raymond and Beverly Sackler Faculty of Exact Sciences, Tel Aviv University - A blood-based epigenetic test for myeloid malignancies

**10:40-11:00 Discussion**

**11:00-11:30 Coffee Break**

### 11:30 - 12:40 Session 2: Lymphoma

**Chairs: Yair Herishano, Avraham Avigdor**

**11:30-11:50 Ari Melnik**, Director of the Josep Carreras Leukaemia Research Institute, Barcelona - Mechanisms and precision immunotherapy for immune system neoplasias

**11:50-12:05 Adi Zoref-Lorenz**, Meir Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - Decoding hyperinflammation in lymphoma: clinical and subclinical states

**12:05-12:20 Anna Gurevich-Shapiro**, Rabin Medical Center & Weizmann Institute of Science - Wherever your heart is, there you will find your treasure: Single cell analysis of peripheral blood pre-treatment unveils determinants of response to CAR-T cells in DLBCL

**12:20-12:40 Discussion**

### 12:40 - 14:00 Session 3: CAR-T

**Chairs: Anat Globerson-Levin, Itai Benhar**

**12:40-12:55 Adi Barzel**, Sourasky Tel Aviv Medical Center & Gorge W. Wise Faculty of Life Sciences, Tel Aviv University - In vivo CAR T cell engineering

**12:55-13:10 Elad Jacoby**, Sheba Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - Mechanisms of CAR-T suppression by the CNS

**13:10-13:30 Sarah Tasian**, Hematologic Malignancies Program at Children's Hospital of Philadelphia - Pediatric AML

**13:30-13:45 Eric Shifrut**, Sourasky Tel Aviv Medical Center & Gorge W. Wise Faculty of Life Sciences, Tel Aviv University - CRISPR engineering of T cell therapies

**13:45-14:00 Discussion**

**14:00-14:45 Lunch Break**

### 14:45 - 16:00 Session 4: AML

**Chairs: Ofir Wolach, Maya Koren-Michowitz**

**14:45-15:05 Soheil Meshinchi**, Fred Hutchinson Cancer Center, Seattle - Genomics of AML and novel therapeutic strategies

**15:05-15:20 Ruth Shiloh**, Felsenstein Research Center, Schneider Medical Center - Passenger variants as clonal markers of AML-Implications for MRD

**15:20-15:40 Manel Esteller**, Sant Pau Research Institute (IRSantPau), Barcelona - Epigenetics in Hematological Malignancies: From knowledge to applications

**15:40-15:55 Gidi Rechavi**, Sheba Medical Center & Gray Faculty of Medical and Health Sciences, Tel Aviv University - The growing alphabet of the epitranscriptome

**15:55-16:15 Discussion**

**16:15-16:25 Discussion and Concluding Remarks - Shai Israeli**

**19:30-22:30 Dinner**

**24.3.2026**

**Jaglom Hall**

**Tel Aviv University**